XVII. *An Account of a Production of Nature at* Dunbar *in* Scotland, *like that of the* Giants-Cauſeway *in* Ireland; *by the Right Reverend* Richard *Lord Biſhop of* Oſſory, *F. R. S.*

Read Feb. 26, 1761.

THE paſſage into the harbour of Dunbar is very narrow, between two rocks: one of them is the eaſt ſide of the harbour; the other is a promontry, ſtretching out about a hundred yards to the north, and is about twenty yards wide, having the ſea on each ſide of it, when the tide is in. This head is a moſt extraordinary natural curioſity: it is of a red ſtone, which is not a lime-ſtone, but appears rather like a very hard free-ſtone. It looks on both ſides like the Giant's-cauſeway in Ireland: the ſtones on the weſt ſide are from a foot to two feet over; on the eaſt ſide they are larger, from two feet to four feet. I obſerved the pillars from three to eight ſides; but only one or two of the firſt and laſt: they may be ſaid to be in joints, but are ſtrongly cemented together by a red and white ſparry ſubſtance, which is formed in laminæ round the pillars, and between the joints, two or three inches in thickneſs. The interſtices between the large pillars, which are but few, are filled with ſmall pillars, without joints. The pillars conſiſt of horizontal laminæ: the joints are not concave and convex when ſeparated, but uneven and irregular: they lie ſloping from eaſt to weſt: on the weſt ſide, towards the end, the pillars become very large and confuſed,

as I ſaw them to the eaſt of the Giants-cauſeway, and in the iſle of Mull; except that theſe are divided by ſuch a ſparry ſubſtance into a great number of ſmall figures, which ſeem to go down through them. There are ſpots and veins of a whitiſh ſtone in the pillars. There is no ſign of any thing of this kind in any of the rocks near, that I could obſerve, or hear of.

XVIII. *An Account of a remarkable Meteor ſeen at* Oxford. *In a Letter to the Rev.* Thomas Birch, *D. D. Secretary to the Royal Society, from the Rev.* John Swinton, *B. D. of* Chriſt-Church, Oxon. *F. R. S.*

Reverend Sir,

Read Feb. 26, 1761. BEING on the Parks, or public univerſity-walk here, on Sunday, Sept. 21, 1760, from $6^h\ 40'$ to $7^h\ 25'$ P. M. ſuch a meteor exhibited itſelf to my view as I had never ſeen before. [*Vide Tab.* III.] A dark cloud, like a pillar or column of thick black ſmoke, and perpendicular to the horizon, appeared in the N. W. puſhing gradually forward towards the zenith, and at laſt extending itſelf almoſt to the oppoſite part of the heavens. It was at firſt ſeveral degrees broad, but grew broader and broader, as it approached the zenith; through which it paſſed, and nearly biſſected the hemiſphere, in a wonderful manner. At 7^h this ſurprizing arch, falling little ſhort of a ſemicircle,